

Split-core



DM1TA...



DM2TA...



DM3TA...



DM4TA...

Order code	Primary current I _{pn}	Burden Class 0.5	Class 1	Qty per pkg	Weight
	/5 [A]	[VA]	[VA]	n°	[kg]

For 50x60mm/2x2.4" busbar.

DM1TA 0250	250	1	2	1	0.900
DM1TA 0300	300	1.5	3	1	0.900
DM1TA 0400	400	1.5	3	1	0.900
DM1TA 0500	500	2.5	5	1	0.900
DM1TA 0600	600	2.5	5	1	0.900
DM1TA 0750	750	3	6	1	0.900
DM1TA 0800	800	3	7.5	1	0.900
DM1TA 1000	1000	5	10	1	0.900

For 80x80mm/3.1x3.1" busbar.

DM2TA 0250	250	1	2	1	1.050
DM2TA 0300	300	1.5	3	1	1.050
DM2TA 0400	400	1.5	3	1	1.050
DM2TA 0500	500	2.5	5	1	1.050
DM2TA 0600	600	2.5	5	1	1.050
DM2TA 0750	750	3	6	1	1.050
DM2TA 0800	800	3	7.5	1	1.050
DM2TA 1000	1000	5	10	1	1.050

For 80x120mm/3.1x4.7" busbar.

DM3TA 0500	500	—	4	1	1.250
DM3TA 0600	600	—	5	1	1.250
DM3TA 0750	750	2.5	6	1	1.250
DM3TA 0800	800	3	7.5	1	1.250
DM3TA 1000	1000	5	10	1	1.250
DM3TA 1200	1200	6	12.5	1	1.250
DM3TA 1250	1250	7.5	15	1	1.250
DM3TA 1500	1500	8	17	1	1.250

For 80x160mm/3.1x6.3" busbar.

DM4TA 2000	2000	15	20	1	3.160
DM4TA 2500	2500	15	20	1	3.340
DM4TA 3000	3000	20	25	1	3.500
DM4TA 4000	4000	20	25	1	3.760

General characteristics

The DM... series current transformers (CTs) are installed in electric installations to reduce the line current to a secondary value of 5A, which is compatible with current inputs of digital multimeters or protection relays. These are without primary winding and are used for high primary current values from 250A upward.

Operational characteristics

- Operating frequency: 50-60Hz
- Secondary output current: 5A
- Overload withstand: 120% I_{pn}
- IEC rated insulation voltage U_i: 720V
- IEC rated short-time thermal current I_{th}: 40-60 I_{pn} for 1 second
- IEC rated dynamic current I_{dyn}: 2.5 I_{th} for 1 second
- Insulation (dry type): Class E
- Screw terminals
- Sealable terminal covers
- Screw fixing (fixing elements standard supplied with the product)
- IEC degree of protection: IP30
- Ambient conditions
 - Operating temperature: -25 ... +50°C
 - Storage temperature: -40 ... +80°C.
 - Relative humidity, non condensing: 90%.

Reference standards

Compliant with standards: IEC/EN 60044-1.